

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PENTOSANS

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|-------------------------------|-----------|----------|----------|----------------------|--|
| <i>Abelmoschus esculentus</i> | Seed | | 142700.0 | 1.33610550594868 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| <i>Abrus precatorius</i> | Seed | | 92100.0 | 0.2808070998676844 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| <i>Adonis vernalis</i> | Plant | | 140000.0 | -0.08920510513172407 | -- |
| <i>Albizia lebbeck</i> | Wood | | 200000.0 | -0.541606896288236 | Wealth of India. |
| <i>Althaea officinalis</i> | Plant | | | | Pakistan Encyclopedia Planta Medica. 1986. |
| <i>Ananas comosus</i> | Fruit | 3300.0 | 4300.0 | -0.82843239727699 | -- |
| <i>Anisomeles indica</i> | Seed | | 130000.0 | 1.0712381194421852 | Wealth of India. |
| <i>Arundo donax</i> | Stem | | 251000.0 | | -- |
| <i>Asparagus officinalis</i> | Shoot | | 70000.0 | | -- |
| <i>Avena sativa</i> | Hull Husk | 320000.0 | 360000.0 | 1.0 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| <i>Beta vulgaris</i> | Root | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| <i>Bixa orellana</i> | Seed | | 136000.0 | 1.1963723177917103 | Wealth of India. |
| <i>Bixa orellana</i> | Fruit | | | | Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp. |
| <i>Capparis spinosa</i> | Flower | | 40000.0 | | -- |
| <i>Ceiba pentandra</i> | Seed | | | | -- |
| <i>Cocos nucifera</i> | Hull Husk | | 277000.0 | -1.0 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| <i>Coffea arabica</i> | Seed | | | | -- |
| <i>Conium maculatum</i> | Plant | | 66000.0 | -1.1608248745712664 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|---------------------|----------|----------|----------|----------------------|--|
| Coriandrum sativum | Fruit | | 100000.0 | 0.21063680874408397 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Daucus carota | Plant | | | -- | |
| Eriobotrya japonica | Seed | | 46000.0 | -0.6806406574511674 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Ficus carica | Fruit | | 8300.0 | -0.785002127432849 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Ginkgo biloba | Seed | | 16000.0 | -1.3063116491987934 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Ginkgo biloba | Leaf | | 55000.0 | -1.0 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Helianthus annuus | Pericarp | 240000.0 | 290000.0 | | Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar. |
| Hibiscus sabdariffa | Seed | | 158000.0 | 1.6551977117399692 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| Hordeum vulgare | Plant | 83000.0 | 239000.0 | 1.3444483701995555 | Jim Duke's personal files.* |
| Juncus effusus | Leaf | | | -- | |
| Lawsonia inermis | Leaf | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Linum usitatissimum | Seed | 79000.0 | 99000.0 | 0.42471142796963834 | Cunane, S. and Thompson, L. U., eds. 1995. Flaxseed in Human Nutrition. AOCS Press, Champaign IL. 384 pp. |
| Melilotus alba | Seed | | 81000.0 | 0.049308832921062806 | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|------------------------------|-------|---------|----------|----------------------|--|
| <i>Menyanthes trifoliata</i> | Root | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| <i>Myristica fragrans</i> | Seed | | 22500.0 | -1.1707496009868077 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| <i>Origanum majorana</i> | Plant | 70000.0 | 76800.0 | -1.0044263136260358 | -- |
| <i>Oryza sativa</i> | Plant | | 209000.0 | 0.9100079231294709 | -- |
| <i>Papaver somniferum</i> | Seed | 30000.0 | 36000.0 | -0.889197654700376 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| <i>Phoenix dactylifera</i> | Seed | | 43600.0 | -0.7306943367909774 | Abstract (See species file) |
| <i>Phoenix dactylifera</i> | Fruit | | 38800.0 | -0.45384631987127366 | Abstract (See species file) |
| <i>Prunus dulcis</i> | Seed | | | | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| <i>Robinia pseudoacacia</i> | Wood | | 191000.0 | -0.7551649276833783 | -- |
| <i>Salix alba</i> | Wood | | 205000.0 | -0.4229635455131569 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| <i>Satureja hortensis</i> | Leaf | | 119500.0 | 1.0 | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| <i>Secale cereale</i> | Seed | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |
| <i>Sorbus aucubaria</i> | Wood | | 295300.0 | 1.719735369484771 | -- |
| <i>Terminalia catappa</i> | Fruit | | 251600.0 | 1.856644035837029 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| <i>Tetrapanax papyrifera</i> | Pith | | 58000.0 | | -- |

| Plant | Part | Low PPM | High PPM | StdDev | Reference |
|----------------------|---------|----------|----------|---------------------|--|
| Theobroma cacao | Seed | | 15000.0 | -1.3271673489237144 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Triticum aestivum | Seed | 63000.0 | 83000.0 | 0.09102023237090454 | -- |
| Ulmus rubra | Bark | 120000.0 | 180000.0 | 1.0 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Viburnum prunifolium | Bark | | 160000.0 | -1.0 | List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979. |
| Zingiber officinale | Rhizome | | | | ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes. |